

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 09/883,119C
Source: FW16
Date Processed by STIC: 1/25/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/25/2007

PATENT APPLICATION: US/09/883,119C

TIME: 13:37:32

Input Set : A:\11147.ST25.txt

Output Set: N:\CRF4\01252007\I883119C.raw

3 <110> APPLICANT: Ellington, Andrew
 4 Hesselberth, Jay
 5 Marshall, Kris
 6 Robertson, Michael
 7 Sooter, Letha
 8 Davidson, Eric
 9 Cox, J. Colin
 10 Reidel, Timothy
 12 <120> TITLE OF INVENTION: Regulatable, Catalytically Active Nucleic Acids
 14 <130> FILE REFERENCE: TEXAS-11147
 16 <140> CURRENT APPLICATION NUMBER: 09/883,119C
 17 <141> CURRENT FILING DATE: 2001-06-14
 19 <160> NUMBER OF SEQ ID NOS: 67
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 129
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Synthetic
 31 <400> SEQUENCE: 1
 32 taatcttacc ccggaattat atccagctgc atgtcaccat gcagagcaga ctatatctcc 60
 34 aacttggttaa agcaagttgt ctatcgtttc gaggcacttg accctactcc ccaaagggat 120
 36 agtcggttag 129
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 131
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Synthetic
 47 <400> SEQUENCE: 2
 48 gcctgagtat aaggtagctt atacttgtaa tctatctaaa cggggaacct ctctagtaga 60
 50 caatcccgtg cttaaattata ccagcatcgt cttgatgccc ttggcagata aatgcctaac 120
 52 gactatccct t 131
 55 <210> SEQ ID NO: 3
 56 <211> LENGTH: 75
 57 <212> TYPE: DNA
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Synthetic
 63 <400> SEQUENCE: 3
 64 gataatacga ctactatag ggatcaacgc tcagtagatg ttttcttggg ttaattgagg 60
 66 cctgagtata aggtg 75

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69 <210> SEQ ID NO: 4
70 <211> LENGTH: 89
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Synthetic
77 <400> SEQUENCE: 4
78 cttagctaca atatgaacta acgtagcata tgacgcaata ttaaacggta gcattatggt 60
80 cagataaggt cgtaaatttt accccggaa 89
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 131
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Synthetic
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <222> LOCATION: (77)..(77)
95 <223> OTHER INFORMATION: n is a, c, g, or t
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <222> LOCATION: (108)..(108)
100 <223> OTHER INFORMATION: n is a, c, g, or t
102 <400> SEQUENCE: 5
103 gcctgagtat aaggtgactt atactagtaa tctatctaaa cggggaacct ctctagtaga 60
W--> 105 caatcccggtg ctaaataata ccagcatcgt cttgatgccc ttggcagnta aatgcctaac 120
107 gactatccct t 131
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 101
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetic
118 <400> SEQUENCE: 6
119 cttagctaca atatgaacta acgtagcata tgacgcaata ttaaacggta gtattatggt 60
121 cagataaggt cgtaaatttt accccggaat tctatccagc t 101
124 <210> SEQ ID NO: 7
125 <211> LENGTH: 116
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Synthetic
133 <220> FEATURE:
134 <221> NAME/KEY: misc_feature
135 <222> LOCATION: (37)..(86)
136 <223> OTHER INFORMATION: n is a, c, g, or t
138 <400> SEQUENCE: 7
W--> 139 ttctaatacg actcactata ggacctcggc gaaagcnnnnn nnnnnnnnnn nnnnnnnnnn 60
W--> 141 nnnnnnnnnn nnnnnnnnnn nnnnnngagg ttaggtgcct cgtgatgtcc agtcgc 116

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144 <210> SEQ ID NO: 8
145 <211> LENGTH: 20
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Synthetic
152 <400> SEQUENCE: 8
153 ttctaatacgc actcactata
156 <210> SEQ ID NO: 9
157 <211> LENGTH: 18
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Synthetic
164 <400> SEQUENCE: 9
165 gcgactggac atcacgag
168 <210> SEQ ID NO: 10
169 <211> LENGTH: 36
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Synthetic
176 <400> SEQUENCE: 10
177 ttctaatacgc actcactata ggacctcggc gaaagc
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 80
182 <212> TYPE: RNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic
188 <400> SEQUENCE: 11
189 gggaauggau ccacaucuac gaauucgagu cgagaacugg ugcgaaugcg aguaaguca
191 cuccagacuu gacgaagcuu
194 <210> SEQ ID NO: 12
195 <211> LENGTH: 82
196 <212> TYPE: RNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Synthetic
202 <400> SEQUENCE: 12
203 gggaauggau ccacaucuac gaauucguag cguagaguau gagagagcca agguccagguu
205 cacuccagac uugacgaagc uu
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 80
210 <212> TYPE: RNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Synthetic
216 <400> SEQUENCE: 13

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217 gggaauggau ccacaucuac gaauucauca gggcuaaaga gugcagaguu acuuaguuca      60
219 cuccagacuu gacgaagcuu                                                    80
222 <210> SEQ ID NO: 14
223 <211> LENGTH: 211
224 <212> TYPE: RNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic
230 <400> SEQUENCE: 14
231 gacuaauaug auuuggucuc auuaaagauc acaaaauugcu ggaaacuccu uugaggcuag      60
233 gacaaucagc aaggaaguua acauauaaug uuaaaaccuu cagagacuag acgugaucau      120
235 uuaauagacg ccuugcggcu cuuauuagau aagguauagu ccaaauuugu auguaaaauac      180
237 aaaaugauaa aaaaaaauga aaucauaugg g                                     211
240 <210> SEQ ID NO: 15
241 <211> LENGTH: 80
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Synthetic
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <222> LOCATION: (27)..(56)
252 <223> OTHER INFORMATION: n is a, c, g, t or u
254 <400> SEQUENCE: 15
W--> 255 gggaauggau ccacaucuac gaauucnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnuuca      60
257 cuccagacuu gacgaagcuu                                                    80
260 <210> SEQ ID NO: 16
261 <211> LENGTH: 122
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Synthetic
268 <400> SEQUENCE: 16
269 gcctgagtat aaggtgactt atacttgtaa tctatctaaa cggggaacct ctctagtaga      60
271 caatcccgtg ctaaattgta ggactgcccg ggttctacat aaatgcctaa cgactatccc      120
273 tt                                                                    122
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 24
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Synthetic
284 <400> SEQUENCE: 17
285 ttatactagt aatctatcta aacg                                             24
288 <210> SEQ ID NO: 18
289 <211> LENGTH: 24
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:

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294 <223> OTHER INFORMATION: Synthetic
296 <400> SEQUENCE: 18
297 cccggaattc tatccagctg catg 24
300 <210> SEQ ID NO: 19
301 <211> LENGTH: 94
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Synthetic
308 <400> SEQUENCE: 19
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311 caatcccgtg ctaaattgcct aacgactatc cctt 94
314 <210> SEQ ID NO: 20
315 <211> LENGTH: 131
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Synthetic
322 <400> SEQUENCE: 20
323 gcctgagtat aaggtgactt atacttgtaa tctatctaaa cggggaacct ctctagtaga 60
325 caatcccgtg ctaaattata ccagcatcgt cttgatgcc ttggcagata aatgcctaac 120
327 gactatccct t 131
330 <210> SEQ ID NO: 21
331 <211> LENGTH: 133
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Synthetic
338 <400> SEQUENCE: 21
339 gcctgagtat aaggtgactt atacttgtaa tctatctaaa cggggaacct ctctagtaga 60
341 caatcccgtg ctaaattgat accagcatcg tcttgatgcc cttggcagca taaatgccta 120
343 acgactatcc ctt 133
346 <210> SEQ ID NO: 22
347 <211> LENGTH: 119
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Synthetic
354 <400> SEQUENCE: 22
355 gcctgagtat aaggtgactt atacttgtaa tctatctaaa cggggaacct ctctagtaga 60
357 caatcccgtg cataaccagca tcgtcttgat gcccttgga ggcctaacga ctatccctt 119
360 <210> SEQ ID NO: 23
361 <211> LENGTH: 129
362 <212> TYPE: DNA
363 <213> ORGANISM: Artificial Sequence
365 <220> FEATURE:
366 <223> OTHER INFORMATION: Synthetic
368 <400> SEQUENCE: 23
369 gcctgagtat aaggtgactt atacttgtaa tctatctaaa cggggaacct ctctagtaga 60

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RAW SEQUENCE LISTING ERROR SUMMARY
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FYI

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 77,108
Seq#:7; N Pos. 37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56
Seq#:7; N Pos. 57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76
Seq#:7; N Pos. 77,78,79,80,81,82,83,84,85,86
Seq#:15; N Pos. 27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46
Seq#:15; N Pos. 47,48,49,50,51,52,53,54,55,56
Seq#:35; N Pos. 37,38,39,40,41,42,43,44,45,46,47
Seq#:36; N Pos. 14,15,16,17
Seq#:37; N Pos. 39,40,41,42,43
Seq#:41; N Pos. 28
Seq#:43; N Pos. 31
Seq#:44; N Pos. 32
Seq#:67; N Pos. 17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36
Seq#:67; N Pos. 37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56
Seq#:67; N Pos. 57,58,59,60,61,62,63,64,65,66

VERIFICATION SUMMARY

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Input Set : A:\11147.ST25.txt

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L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:60
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:60
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:60